

Warfighter M&S Online Needs DataBase (WARMOND?) Overview

Problem Statement

- The DoD M&S Community has become so large and complex that it is increasingly difficult to:
 - Provide awareness of what is going on in key disciplines
 - Leverage M&S programs across key domains
 - Make strategic decisions about M&S priorities in the DoD
- In order to ***lead, integrate, and leverage*** M&S for the Warfighter, DMSO must
 - Have continual visibility into WF M&S needs
 - A mechanism for capturing this information and accessing it on demand
 - Ensure that M&S needs have been correctly interpreted

A Web-based database for collecting M&S needs across the community should help to address all of these areas

What Will it Do?

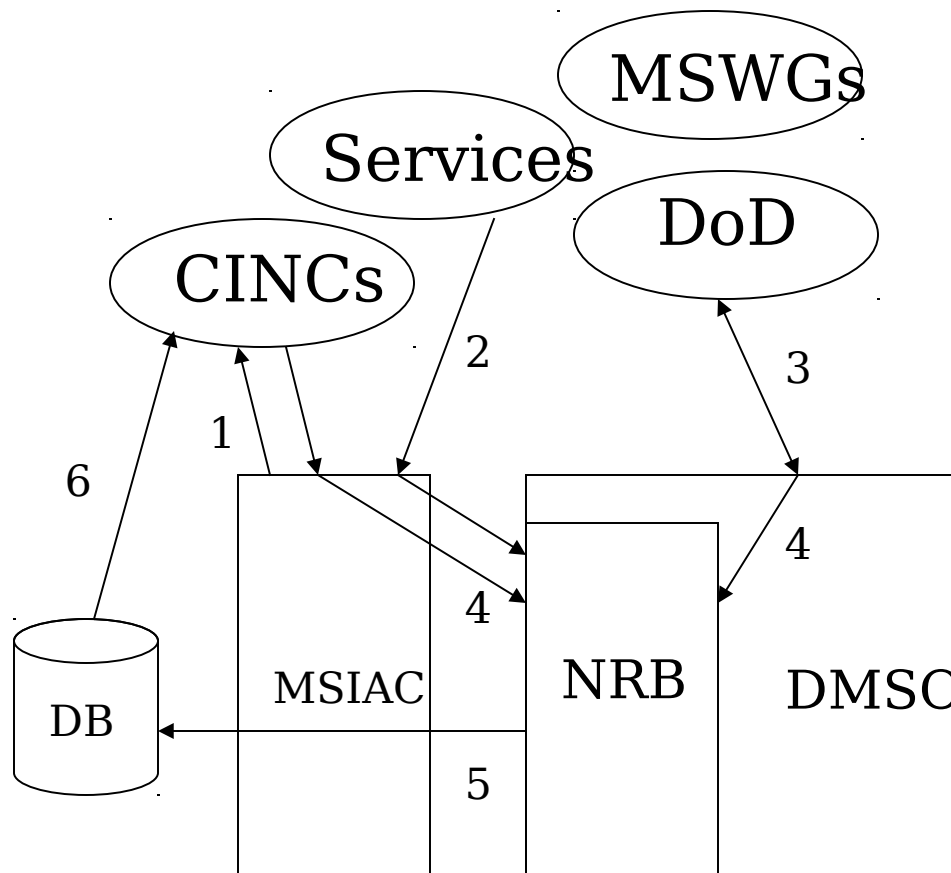
- Will provide the DoD M&S Community with a resource for determining what the most important M&S needs are of various military organizations
 - Allows users to find organizations with like M&S needs
- Will map M&S needs to existing and future M&S programs
 - Allows users to determine what current programs are in place to address M&S needs
- Provides DMSO with an evolving list of M&S needs that is constantly updated and reviewed by the community
 - Will allow DMSO to re-direct its programs to changing needs
 - Will provide the basis of future Master Plan updates

Provide a “Yahoo-like” capability for the DoD M&S Community

What Won't it Do?

- **NOT** a formal M&S requirements specification
 - Will not be used to justify acquisition decisions w/r to M&S procurement
- **NOT** intended to replicate functions already handled within the Modeling and Simulation Resource Repository (MSRR)
 - MSRR does not address M&S needs - only program information
 - WARMOND (?) could potentially serve as a front end for users to find appropriate M&S content in MSRR
- **NOT** a mechanism for justifying existing programs (“Feeding Itself”)
 - Content (needs and program information) to be provided by users outside of DMSO
 - Associations between needs and programs to be done in concert with community

Overview of Information Update Process



Multiple Entry Points for Information to Get into the DB:

1. MSIAC and DMSO visits to CINC/Service organizations identifies M&S needs
2. Organizations submit needs, program information that is unsolicited
3. Informal contacts made via DMSO staff that lead to updates
4. The NRB Reviews all submissions prior to inclusion in the DB:
5. MSIAC handles DB administration

Same process hold for submission of needs, or program

6. Originating organization verifies that data was interpreted correctly

Access Privileges

- Prototype (Fall 00) to be DMSO only
 - Beta-test with DMSO staff before releasing to community
- Initial release (Winter 00?) to be .mil addresses only
 - Ensure that M&S Needs are only offered from official organizations
 - Ensure that viewing this information is limited to those organizations
- Future versions plan to allow access for industry/international
 - Potential tiered organization to allow certain classes of needs and programs to be viewed by international organizations
- Process
 - Individuals apply for account and password via web-site.
 - Approving authority is Lt Col Chris Hadinger
 - Unlimited number of account passwords allowed for an organization

Potential Content Hierarchy vs. Access Privilege

Information Provided From:

Can Be Viewed By:

- | | |
|--|--------------------|
| 1. Formal CINC, Service, DoD Submissions | All .mil addresses |
| 2. Unsolicited inputs from CINCs, Services | |
| - 06 and Above (?) | All .mil Addresses |
| - 05 and Below (?) | DMSO internal |
| 3. Informal needs via DMSO Staff | DMSO internal |

M&S Needs Review Board (NRB)

- In order to ensure that the content of the DB is kept as concise and accurate as possible, a group of 4-8 DMSO representatives will meet regularly to review incoming needs and perform the following functions:
 - Determine if this is a new need, or existing
 - Determine mappings to existing programs as necessary
 - Decompose operational needs into technical needs
- Composition of the NRB should include SME across various disciplines
 - VV&A, C4I-SIM, HBR, INE, Data, etc.
 - Particular disciplines called upon depending upon currently collected data
- Long-term intent is to place this group under the guidance of a community M&S forum - such as the MSWG.

NSFAQs- (Not so Frequently Asked Questions - Yet)

- Q: *“How does program information get included into the DB?”* A: Via the same means that needs get into the DB - through site visits (pull), submission by users (push), or informal exchanges (push/pull) with DMSO staff.
- Q: *“Who decides what information gets included in the database, and what does not?”* A: The NRB, initially made up of 4-8 DMSO domain experts who can perform the appropriate interpretation of the “raw” incoming information and map it to programs. Overtime, this will likely be formalized into an organization that becomes part of the MSWG
- Q: *“What is the format for which needs should be submitted?”* A: We will put together a short primer that will be available on the web site that provides guidance on submitting M&S needs
- Q: *“What if I don’t agree with the mapping between a program and a need that is on the web page?”* A: These so called “associations” will be determined by the NRB initially, but we will potentially provide a capability for users to supply comments on these associations. The intent is not for DMSO to “dictate” which programs we feel address needs, but facilitate the mappings.

NSFAQs- (Not so Frequently Asked Questions - Yet)

- Q: *“How is this related to the MSRR?”* A: The MSRR is primarily a resource of M&S information (programs, etc) that does not address M&S needs. WARMOND will maintain needs and map programs to needs.
- Q: *“How often will the NRB meet?”* A: Frequency and membership for a particular meeting will be determined based on amount of input to be reviewed. Suggest that board meet at least monthly.